06/14/2004 11:31

1-920-954-1098

CORRIGAN LAW OFFICE

PAGE 04

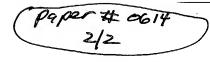
	_								8he	et 1	01/1.
Poxes P	ro-14	49		nt of Commerc	e Patent	ATTY DOCKET NO.				L NO.	
And Trademark Office					ITW 7188.64				10/774128		
						APPLICANT			-		
			SUPPLEM			James M.	Thou	mes			
TML	ORM	AT	ION DISCL	OSURE CI	TATION	FILING DATE			GROUE	,	
						February	5, 20	04			
				U.S.	PATENT	DOCUMENTS		<u> </u>			
EXAM.		ef	PATENT	DATE	NAME		CITY	SS S	-פט	FIL	ING
INIT.	┰		NUMBER						LASS	DAT	E
LOK.	- -			3/1962	Turbitt				>		
0×	_		3,815,009	6/1974	Berger				-		
Ch	4_			9/1985	Carvalho		-				
QK.			4,564,742	1/1986	Karlsson				_		
at			4,683,529	7/1987	Bucher, II	[-	_			
∆X			4,845,607	7/1989	Nakao et	al.	—				
<u> </u>			4,876,433	10/1989	Kashima e	t al.	-	丰			
8			4,904,843	2/1990	Hori et a	1.					
				FOREIG	N PATENI	DOCUMENTS	3	*********			
EXAM REF DOCUMENT DATE COUNTRY			CLASS SUB		KOITALEKART						
INIT	NIT		TUMBER					CLA		YES NO	
CX		4	10088B1	12/1992	Buropean	Pat. Off.					1.15
CX		4	128175A1	8/1991	Germany						
OX.		4	211906A1	4/1992	Germany						
4		4	411227A1	3/1994	Germany						
000								1			
OTI	1EK	X	COMENTS	(Includi	ng Autho	r, Title,	Date,	Pag	jes,	Etc	.)
CA			IBM Techn	ical Disc	losure Bul	lletin, Autor	Matic 1	nout	-Sele	ctin	, I
			Power Sur	ply, Aug.	, 1985, vo	1. 28 No. 3,	pp.,	1246	-1247		•
			ł								
									··-		
	ļ										
EXAMI	NER	,	C. SHA		DATE CONS	IDERED 6	1		,	, -	
			<u>-, OHA</u>	YY		7/4	20/2	00	<i>†</i>		ľ
EXAMI	VER:		Initial if	citation d	s in conf	ormance with	MDWD		Decar	7 4	
		ilt	ation if no	t in confe	rmance an	d not consid	ered.	TNC	nge .	1111	₹ [
this	form	n w	ith next co	mmunicatio	T to nonl	4000	- CU.	1110.	rade (-Opy	AT

I hereby certify that this correspondence is, on the date shown below, being deposited with the U.S. Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450

George R. Corrigan

*DN*G:\WP51\DOCS\ITW\7188.64\1449IDS1.wpd Friday, June 11, 2004 3:03PM



06/14/2004 11:31

1-920-954-1098

CORRIGAN LAW OFFICE

PAGE 05

Sheet A of X.										
Form PTO-1449 U.S. Department of Commerce Patent And Trademark Office					ATTY.DOCKET NO.			Gerial No.		
		And Trademark	Office					77412	8	
		CHIDDI DIG	TANKIA T		APPLICANT					
	, ^~~	SUPPLEM	James M. Thommes							
TNE	OKMA	TION DISCL	FILING DATE GROUP							
<u> </u>					February 5, 2004					
			υ.s.	PATENT	DOCUMENTS					
EXAM.	RE	PATENT	DATE	NAME		CLAS	ទ នៃប	В-	FILING	3
INIT.	4_	NUMBER					CT	ASS	DATE	
CX.		4,963,715	10/1990	Tuttle				_		
CA		5,149,933	9/1992	Donner			_	-		
CK	<u> </u>	5,162,984	11/1992	Castagne	t et al.			-		
OX.		5,272,313	12/1993	Karino et	t al.			,		
OK.		5,319,533	6/1994	Reynolds	et al.		\dashv	,		
COX	<u> </u>	5,343,017	8/1994	Karino e	al.		_	7		
QK.		5,601,741	2/1997	Thommes				·		
ax.		6,002,103	12/1999	Thommes				ر ا		
CA		6,239,407	5/2001	Thommes		,		-		
			FOREIG	N PATENT	DOCUMENTS	;				
EXAM	EXAM REF DOCUMENT		DATE	COUNTRY		CLASS	SUB-	B- TRANSLA		
INIT		NUMBER					CLASS	SYE	s N	5
CX		GB2258958	2/1993	Great Br	itain					
CZ		559-220285	12/1984	Japan						
G		S62-107868	5/1987	Japan		Ī	Ĵ			
G		H1-215465	8/1989	Japan						
9		H2-41778	2/1990	Japan						
	7131		(T-1 m) - 0.1				_			
011	10K	DOCUMENTS	Tuctnor	ng Autho	or, Title,	Date,	Pag	es,	Etc.)	—
İ										
i	- 1			-						
								-		\dashv
	L_									
EXAMINER CONSIDERED S/2 /2										
		C. SH.	$A\omega$	DAID CONS	7/3	20/20	64			
EYAMT	MED.		-	in in a			***************************************			\neg
EXAMINER: Initial if citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of										
through citation if not in conformance and not considered. Include copy of										

I hereby certify that this correspondence is, on the date shown below, being deposited with the U.S. Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents, F. O. Box 1450, Alexandria, VA 22313-1450

George R. Corrigan
*DM*G:\WF51\DOCS\ITW\7188.64\1449ID52.wpd Friday, June 11, 2004 3:11PM

Sheet 1 of U.S. Department of Commerce Patent ATTY. DOCKET NO. SERTAL NO. Form PTO-1449 And Trademark Office ITW 7188.64 10/774128 APPLICANT SUPPLEMENTAL James M. Thommes INFORMATION DISCLOSURE CITATION FILING DATE GROUP February 5, 2004 2838 1725 U.S. PATENT DOCUMENTS DATE CLASS SUB-FILING REF PATENT NAME EXAM. INIT. NUMBER CLASS DATE FOREIGN PATENT DOCUMENTS TRANSLATION EXAM REF DOCUMENT DATE COUNTRY CLASS SUB-NUMBER INIT CLASS YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc.) "Power Factor Controller IC Minimizes External Component", Jade H. Alberkrack and Steven M. Barrow, PCIM Power Conversion & Intelligent Motion - February 1993 pages 42-47. "Power Factor Correction Control Circuits", Phillip C. Todd, PCIM Power Conversion & Intelligent Motion - October 1993 pgs 70-79 "Techniques for Improving Power Factors", Vince Cardinale, Power technics Magazine - April 1990 Very High Efficiency Techniques ad Their Selective Application to the design of a 70A Rectifier Technol., Blackburn, Vic. Machin, N. Vescovi, T. Telecommunications Energy Conference, 1993, INTEL '93, 15th International 9/27-30/1993 EXAMINER DATE CONSIDERED 2004 Initial if citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of

I hereby certify that this correspondence is, on the date shown below, being deposited with the U.S. Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents, P. O. Box 1450, Alexandria, TA 22313-1450

July 73, 2004

this form with next communication to applicant.

George R. Corrigan

Paper # 0727 2/2

22

Porm PTO-1449 U.S. Department of Commerce Patent And Trademark Office						ATTY DOCKST NO. SERIAL NO. 177412						
TINE STATE	ODM A	m T.	SUPPLEME ON DISCL	James M.								
STINE (.1.1	ON DISCL	OSURE CI	FILING DATE February	5, 20	2004 2838 1725					
			··	<u> </u>	PATENT	DOCUMENTS						
EXAM. INIT.			PATENT NUMBER	DATE NAME			CLA		UB- LASS		FILING DATE	
		+								-		
	+-	╅	•	i	 					+	·····	
		十			 							
					,			一				
			•	FOREIG	N PATEN	r DOCUMENTS	3					
EXAM	REF		CUMENT	DATE	COUNTRY		CLASS	SUB	_ 2	PRANSLATION		
INIT		NU	MBER					CLA	SS :	(ES	NO	
		-					<u> </u>	ļ				
		<u>!</u>		<u> </u>			l	<u> </u>			l	
OTI	IER	DO	CUMENTS	(Includi	ng Autho	or, Title,	Date,	Pa	ges,	Etc	:.)	
Unitrode Power Supply Design Seminar SEM-700, Topic 7, 1990 Optimizing the Design of a High Power Factor Switching Preregulator By: Lloyd Dixon												
GX	Welding Processes and Power Sources, Edward R. Pierce, this edition, 1985 Power Factor, Chapter 6,										rd	
CA	Welding Processes and Power Sources, Edward R. Pierce, thirdedition, 1985, Power Flow Sequence, Pages 176-178										rd	
***********						-						
					· · ·		<u></u>					
EXAMI	NER		C. SHA	W	DATE CONS	IDERED 9/	20/	200	4			
EXAMII throughthis	gh ci	ita	nitial if tion if no th next co	t in conf	ormance an	formance with ad not consid	MPEP lered.	609. Inc	Dra: lude	w lin copy	e of	

I hereby certify that this correspondence is, on the date shown below, being deposited with the U.S. Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450